

Honeycomb core materials with particulate reinforcement

Patent number: EP0820858
Publication date: 1998-01-28
Inventor: CAWSE JOHN LESLIE (GB);
GREEN GEORGE EDWARD (GB);
KEMP GRAHAM (GB); WEBB
TERRENCE CHARLES (GB)




Applicant: HEXCEL COMPOSITES LIMITED
(GB)

Classification:
- international: **B29C70/08; B32B3/12; E04C2/36;
B29C70/08; B32B3/12; E04C2/34;**
(IPC1-7): B29D31/00; B31D3/02
- european: B29C70/08D; B32B3/12;
E04C2/36B



Application number: EP19960305347 19960722

Priority number(s): EP19960305347 19960722

Also published as:

 US6117518 (A1)
 JP10080965 (A)
 EP0820858 (B1)

Cited documents:

 DE4003249
 US5151311

Report a data error here

Abstract of EP0820858

An improved honeycomb structure (10) formed from a non-woven sheet material coated with a resin which contains particles of a polymeric material. The inclusion of solid polymeric particles in the resin coating was found to increase the strength and stiffness of the honeycomb without degrading compressive properties. Composite panels are also disclosed where the improved honeycomb structure is combined with one or more facing sheets (16,18).

